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Site:	
Drawn:	17.8
Color:	

Prairie Metals & Chemical Co., Inc.

P. O. Box 138 -- Phone 369-6918

Prairie, Mississippi 39756

February 11, 1974

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FEB 12 1974

AIR & WATER POLLUTION
CONTROL COMMISSION
STATE OF MISSISSIPPI

Mr. Daniel Averett
Air & Water Pollution Control Commission
P. O. Box 827 - Robert E. Lee Building
Jackson, Miss. 39205

Dear Mr. Averett:

Thank you for your prompt reply to our problem and proposal for correction measures.

1. At what point in the process did the hose line break occur?
How can such a spill be avoided?

The hose rupture occurred during transfer of solution from one leach tank to another. This temporary hose has been replaced with CPVC line and valves.

2. How is the effluent from the treatment tanks conveyed to the settling pond?

The treatment tanks will be pumped as originally planned. Access to these at present is a problem. We have purchased several loads of clay gravel to build road into these and asked county to grade this 200 ft. Nothing yet. We have had to extend our acid unloading station 200 ft. in order for trucks to unload. We will keep trying to dry this area up.

3. How deep will the new settling ponds be?

Approximately six feet deep according to contractor estimate. This dirt will be used to build levee around the ponds. The top of the present levee can be raised approximately 1 foot on the first pond. The other levees should have a foot lower level to maintain proper flow pattern.

4. Short circuiting may occur in the first settling pond with the influent and effluent as shown.

With proper height of levee as proposed in #3 and pipe or concrete overflows this will eliminate short circuiting.

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5. An overflow weir should be provided for at least the final outfall from the settling ponds to minimize loss of solids to the effluent.

We plan an adjustable type overflow on final pond. This will allow us to drain this pond on a batch basis making sure ph is between 6 and 9. We can also maintain clarity on this basis.

I hope these comments have answered your questions also hope this weather breaks so that we can proceed. Our tractor cannot traverse the area without a winch truck.

Sincerely,



Denver V. Harris
President

DVH/egh